



Specifications for N, N-Dimethylethanolamine (DMEA)

Parameter	Value
Molecular Formula	C ₄ H ₁₁ NO
Mol Wt	89.13
CAS #	[108-01-0]
Description	Clear colourless liquid
Alkalinity as DMEA (%)	99% min
Sp Gravity at 27/27 deg cel	0.887-0.889
Distillation range in deg cel	134.5 ± 1.0
KF Water (%)	0.2 max
Flash point in deg cel	40

Uses:

Industry	Application
Coating	In water-reducible coating formulations
Polymer	In MFR of dimethyl-aminoethyl metha-crylate Improvement of polyalkene dyeability In catalyst preparation for olefin oxide and sulfide polymerization In stabilization of perchloroethylene In preparation for antistatic agent for polystyrene In preparation of ion exchange resins
Process and Manufacturing	To control corrosion in boiler water condensate return lines
Textile	In preparation of textile assistants
Printing inks	Catalyst in curing urethane-based inks
Soap	In preparation of fatty acid soaps for water resistant floor polishes
Pharma	Intermediate in antihistamines and local anesthetics